

Patrick R Schmidlin

List of Publications by Year in descending order

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206
papers

5,185
citations

87888

38
h-index

128289

60
g-index

215
all docs

215
docs citations

215
times ranked

4557
citing authors

#	ARTICLE	IF	CITATIONS
1	Polyetheretherketone-A suitable material for fixed dental prostheses?. , 2013, 101, 1209-1216.		209
2	Radiographic evaluation of different techniques for ridge preservation after tooth extraction: a randomized controlled clinical trial. Journal of Clinical Periodontology, 2013, 40, 90-98.	4.9	204
3	Effect of different surface pre-treatments and luting materials on shear bond strength to PEEK. Dental Materials, 2010, 26, 553-559.	3.5	182
4	Efficacy of gasiform ozone and photodynamic therapy on a multispecies oral biofilm <i>in vitro</i>. European Journal of Oral Sciences, 2007, 115, 77-80.	1.5	156
5	PEEK surface treatment effects on tensile bond strength to veneering resins. Journal of Prosthetic Dentistry, 2014, 112, 1278-1288.	2.8	129
6	Physicomechanical characterization of polyetheretherketone and current esthetic dental CAD/CAM polymers after aging in different storage media. Journal of Prosthetic Dentistry, 2016, 115, 321-328.e2.	2.8	126
7	Three-unit reinforced polyetheretherketone composite FDPs: Influence of fabrication method on load-bearing capacity and failure types. Dental Materials Journal, 2015, 34, 7-12.	1.8	121
8	In vivo and in vitro evaluation of flexible, cottonwool-like nanocomposites as bone substitute material for complex defects. Acta Biomaterialia, 2009, 5, 1775-1784.	8.3	115
9	Tensile bond strength of veneering resins to PEEK: Impact of different adhesives. Dental Materials Journal, 2013, 32, 441-448.	1.8	104
10	The effect of surface modification on the retention strength of polyetheretherketone crowns adhesively bonded to dentin abutments. Journal of Prosthetic Dentistry, 2014, 112, 1489-1497.	2.8	99
11	The Microbiome of Peri-Implantitis: A Systematic Review and Meta-Analysis. Microorganisms, 2020, 8, 661.	3.6	93
12	Current Status and Perspectives of Mucogingival Soft Tissue Measurement Methods. Journal of Esthetic and Restorative Dentistry, 2011, 23, 146-156.	3.8	79
13	Tooth substance loss resulting from mechanical, sonic and ultrasonic root instrumentation assessed by liquid scintillation. Journal of Clinical Periodontology, 2001, 28, 1058-1066.	4.9	78
14	Influence of plasma pretreatment on shear bond strength of self-adhesive resin cements to polyetheretherketone. Clinical Oral Investigations, 2014, 18, 163-170.	3.0	78
15	<i>In vitro</i> cleaning potential of three different implant debridement methods. Clinical Oral Implants Research, 2015, 26, 314-319.	4.5	78
16	Two-body wear rate of PEEK, CAD/CAM resin composite and PMMA: Effect of specimen geometries, antagonist materials and test set-up configuration. Dental Materials, 2016, 32, e127-e136.	3.5	74
17	Composite vertical bite reconstructions in eroded dentitions after 5-5 years: a case series. Journal of Oral Rehabilitation, 2012, 39, 73-79.	3.0	73
18	Current management of dentin hypersensitivity. Clinical Oral Investigations, 2013, 17, 55-59.	3.0	71

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19	Flexible, silver containing nanocomposites for the repair of bone defects: antimicrobial effect against <i>E. coli</i> infection and comparison to tetracycline containing scaffolds. <i>Journal of Materials Chemistry</i> , 2008, 18, 2679.	6.7	69
20	In vitro re-hardening of artificial enamel caries lesions using enamel matrix proteins or self-assembling peptides. <i>Journal of Applied Oral Science</i> , 2016, 24, 31-36.	1.8	66
21	Regenerative Treatment of Peri-Implantitis Using Bone Substitutes and Membrane: A Systematic Review. <i>Clinical Implant Dentistry and Related Research</i> , 2011, 13, 46-57.	3.7	65
22	Five-Year Survival of Short Single-Tooth Implants (6 mm): A Randomized Controlled Clinical Trial. <i>Journal of Dental Research</i> , 2018, 97, 887-892.	5.2	64
23	Efficacy of chlorhexidine rinses after periodontal or implant surgery: a systematic review. <i>Clinical Oral Investigations</i> , 2019, 23, 21-32.	3.0	64
24	Polyspecies biofilm formation on implant surfaces with different surface characteristics. <i>Journal of Applied Oral Science</i> , 2013, 21, 48-55.	1.8	63
25	Influence of PEEK surface modification on surface properties and bond strength to veneering resin composites. <i>Journal of Adhesive Dentistry</i> , 2014, 16, 383-92.	0.5	62
26	Bonding of composite resins to PEEK: the influence of adhesive systems and air-abrasion parameters. <i>Clinical Oral Investigations</i> , 2018, 22, 763-771.	3.0	61
27	Effect of different surface pretreatments and adhesives on the load-bearing capacity of veneered 3-unit PEEK FDPs. <i>Journal of Prosthetic Dentistry</i> , 2015, 114, 666-673.	2.8	57
28	Three-year Evaluation of Posterior Vertical Bite Reconstruction Using Direct Resin Composite—A Case Series. <i>Operative Dentistry</i> , 2009, 34, 102-108.	1.2	56
29	Success of 6-mm Implants with Single-Tooth Restorations. <i>Journal of Dental Research</i> , 2016, 95, 623-628.	5.2	55
30	Cleaning potential of glycine air-flow application in an <i>in vitro</i> peri-implantitis model. <i>Clinical Oral Implants Research</i> , 2013, 24, 666-670.	4.5	53
31	Labial soft tissue volume evaluation of different techniques for ridge preservation after tooth extraction: a randomized controlled clinical trial. <i>Journal of Clinical Periodontology</i> , 2014, 41, 612-617.	4.9	53
32	Evaluation of moldable, <i>in situ</i> hardening calcium phosphate bone graft substitutes. <i>Clinical Oral Implants Research</i> , 2013, 24, 149-157.	4.5	52
33	<i>In vitro</i> cleaning potential of three implant debridement methods. Simulation of the non-surgical approach. <i>Clinical Oral Implants Research</i> , 2017, 28, 151-155.	4.5	51
34	Adhesive performance of a caries infiltrant on sound and demineralised enamel. <i>Journal of Dentistry</i> , 2011, 39, 117-121.	4.1	48
35	Relationship between Nanohardness and Mineral Content of Artificial Carious Enamel Lesions. <i>Caries Research</i> , 2008, 42, 157-163.	2.0	46
36	Effects of Music Listening on Pre-treatment Anxiety and Stress Levels in a Dental Hygiene Recall Population. <i>International Journal of Behavioral Medicine</i> , 2015, 22, 498-505.	1.7	46

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37	Discoloration of PMMA, composite, and PEEK. <i>Clinical Oral Investigations</i> , 2017, 21, 1191-1200.	3.0	46
38	Effect of sulfuric acid etching of polyetheretherketone on the shear bond strength to resin cements. <i>Journal of Adhesive Dentistry</i> , 2014, 16, 465-72.	0.5	43
39	Surface properties of polyetheretherketone after different laboratory and chairside polishing protocols. <i>Journal of Prosthetic Dentistry</i> , 2017, 117, 419-425.	2.8	41
40	Ridge Preservation with Modified "Socket-Shield" Technique: A Methodological Case Series. <i>Dentistry Journal</i> , 2014, 2, 11-21.	2.3	39
41	Fracture load and failure types of different veneered polyetheretherketone fixed dental prostheses. <i>Clinical Oral Investigations</i> , 2016, 20, 2493-2500.	3.0	38
42	Retention Load of Telescopic Crowns with Different Taper Angles between Cobalt-Chromium and Polyetheretherketone Made with Three Different Manufacturing Processes Examined by Pull-Off Test. <i>Journal of Prosthodontics</i> , 2018, 27, 162-168.	3.7	38
43	Protection of sound enamel and artificial enamel lesions against demineralisation: Caries infiltrant versus adhesive. <i>Journal of Dentistry</i> , 2012, 40, 851-856.	4.1	36
44	Location of unaccessible implant surface areas during debridement in simulated peri-implantitis therapy. <i>BMC Oral Health</i> , 2017, 17, 137.	2.3	34
45	Effectiveness of adjunctive hyaluronic acid application in coronally advanced flap in Miller class I single gingival recession sites: a randomized controlled clinical trial. <i>Clinical Oral Investigations</i> , 2019, 23, 1133-1141.	3.0	33
46	Removal of failed dental implants revisited: Questions and answers. <i>Clinical and Experimental Dental Research</i> , 2019, 5, 712-724.	1.9	33
47	In vitro effects of hyaluronic acid on human periodontal ligament cells. <i>BMC Oral Health</i> , 2017, 17, 44.	2.3	32
48	Randomized, controlled clinical two-centre study using xenogeneic block grafts loaded with recombinant human bone morphogenetic protein-2 or autogenous bone blocks for lateral ridge augmentation. <i>Journal of Clinical Periodontology</i> , 2018, 45, 265-276.	4.9	32
49	Potential of shock waves to remove calculus and biofilm. <i>Clinical Oral Investigations</i> , 2011, 15, 959-965.	3.0	31
50	Three-Dimensional Defect Evaluation of Air Polishing on Extracted Human Roots. <i>Journal of Periodontology</i> , 2014, 85, 1107-1114.	3.4	30
51	Effect of ozone on enamel and dentin bond strength. <i>Journal of Adhesive Dentistry</i> , 2005, 7, 29-32.	0.5	30
52	An estimate of pocket closure and avoided needs of surgery after scaling and root planing with systemic antibiotics: a systematic review. <i>BMC Oral Health</i> , 2014, 14, 159.	2.3	29
53	Retention force of differently fabricated telescopic PEEK crowns with different tapers. <i>Dental Materials Journal</i> , 2016, 35, 594-600.	1.8	29
54	Penetration of a bonding agent into De- and remineralized enamel in vitro. <i>Journal of Adhesive Dentistry</i> , 2004, 6, 111-5.	0.5	29

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55	In Vivo Validation of a Three-Dimensional Optical Method to Document Volumetric Soft Tissue Changes of the Interdental Papilla. <i>Journal of Periodontology</i> , 2009, 80, 56-61.	3.4	28
56	Differentiation of oral bacteria in in vitro cultures and human saliva by secondary electrospray ionization – mass spectrometry. <i>Scientific Reports</i> , 2015, 5, 15163.	3.3	28
57	Comparison of ^Å or ^Å implants placed in the maxillary sinus with or without synthetic bone graft materials – an animal study in sheep. <i>Clinical Oral Implants Research</i> , 2014, 25, 1142-1148.	4.5	27
58	Work of adhesion between resin composite cements and PEEK as a function of etching duration with sulfuric acid and its correlation with bond strength values. <i>International Journal of Adhesion and Adhesives</i> , 2014, 54, 184-190.	2.9	27
59	Suitability of Secondary PEEK Telescopic Crowns on Zirconia Primary Crowns: The Influence of Fabrication Method and Taper. <i>Materials</i> , 2016, 9, 908.	2.9	27
60	Molecular microbiological evaluation of subgingival biofilm sampling by paper point and curette. <i>Apmis</i> , 2014, 122, 347-352.	2.0	25
61	In Vitro Effect of Modified Polyetheretherketone (PEEK) Implant Abutments on Human Gingival Epithelial Keratinocytes Migration and Proliferation. <i>Materials</i> , 2019, 12, 1401.	2.9	25
62	PEEK Primary Crowns with Cobalt-Chromium, Zirconia and Galvanic Secondary Crowns with Different Tapers – A Comparison of Retention Forces. <i>Materials</i> , 2016, 9, 187.	2.9	24
63	Influence of obesity on the outcome of non-surgical periodontal therapy - a systematic review. <i>BMC Oral Health</i> , 2016, 16, 90.	2.3	24
64	Effect of cerium chloride application on fibroblast and osteoblast proliferation and differentiation. <i>Archives of Oral Biology</i> , 2012, 57, 892-897.	1.8	23
65	The in Vitro Antimicrobial Efficacy of PDT against Periodontopathogenic Bacteria. <i>International Journal of Molecular Sciences</i> , 2015, 16, 27327-27338.	4.1	23
66	Randomized clinical study using xenograft blocks loaded with bone morphogenetic protein – 2 or autogenous bone blocks for ridge augmentation – A three-dimensional analysis. <i>Clinical Oral Implants Research</i> , 2019, 30, 872-881.	4.5	23
67	Quantitative measurements of aerosols from air-polishing and ultrasonic devices: (How) can we protect ourselves?. <i>PLoS ONE</i> , 2020, 15, e0244020.	2.5	23
68	Preclinical in vivo Performance of Novel Biodegradable, Electrospun Poly(lactic acid) and Poly(lactic-co-glycolic acid) Nanocomposites: A Review. <i>Materials</i> , 2015, 8, 4912-4931.	2.9	22
69	Effect of Short-Time Povidone-Iodine Application on Osteoblast Proliferation and Differentiation. <i>Open Dentistry Journal</i> , 2009, 3, 208-212.	0.5	22
70	Sealing smooth enamel surfaces with a newly devised adhesive patch: a radiochemical in vitro analysis. <i>Dental Materials</i> , 2005, 21, 545-550.	3.5	21
71	Anti-erosive potential of amine fluoride, cerium chloride and laser irradiation application on dentine. <i>Archives of Oral Biology</i> , 2011, 56, 1541-1547.	1.8	20
72	Cerium Chloride Application Promotes Wound Healing and Cell Proliferation in Human Foreskin Fibroblasts. <i>Materials</i> , 2017, 10, 573.	2.9	20

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73	Microbial Analysis of Saliva to Identify Oral Diseases Using a Point-of-Care Compatible qPCR Assay. <i>Journal of Clinical Medicine</i> , 2020, 9, 2945.	2.4	20
74	Oral Diagnostic Methods for the Detection of Periodontal Disease. <i>Diagnostics</i> , 2021, 11, 571.	2.6	20
75	Direct composite resin fillings versus amalgam fillings for permanent posterior teeth. <i>The Cochrane Library</i> , 2021, 2021, CD005620.	2.8	20
76	Clinical association of <i>Spirochaetes</i> and <i>Ynergistetes</i> with peri-implantitis. <i>Clinical Oral Implants Research</i> , 2016, 27, 656-661.	4.5	19
77	Effect of hyaluronic acid on morphological changes to dentin surfaces and subsequent effect on periodontal ligament cell survival, attachment, and spreading. <i>Clinical Oral Investigations</i> , 2017, 21, 1013-1019.	3.0	19
78	Salivary Biomarkers for Dental Caries Detection and Personalized Monitoring. <i>Journal of Personalized Medicine</i> , 2021, 11, 235.	2.5	19
79	Bonding of brackets using a caries-protective adhesive patch. <i>Journal of Dentistry</i> , 2008, 36, 125-129.	4.1	18
80	Static biofilm removal around ultrasonic tips in vitro. <i>Clinical Oral Investigations</i> , 2014, 18, 1779-1784.	3.0	18
81	The effect of green tea as an adjunct to scaling and root planing in non-surgical periodontitis therapy: a systematic review. <i>Clinical Oral Investigations</i> , 2019, 23, 1-20.	3.0	18
82	Interface evaluation after manual and ultrasonic insertion of standardized class I inlays using composite resin materials of different viscosity. <i>Acta Odontologica Scandinavica</i> , 2005, 63, 205-212.	1.6	17
83	Periodontal bacterial supernatants modify differentiation, migration and inflammatory cytokine expression in human periodontal ligament stem cells. <i>PLoS ONE</i> , 2019, 14, e0219181.	2.5	17
84	Antibacterial Efficacy of a Propolis Toothpaste and Mouthrinse Against a Supragingival Multispecies Biofilm. <i>Oral Health & Preventive Dentistry</i> , 2015, 13, 531-5.	0.5	17
85	Sinus floor elevation using an osteotome technique without grafting materials or membranes. <i>International Journal of Periodontics and Restorative Dentistry</i> , 2008, 28, 401-9.	1.0	17
86	Biofilm reduction and staining potential of a 0.05% chlorhexidine rinse containing essential oils. <i>International Journal of Dental Hygiene</i> , 2011, 9, 60-67.	1.9	16
87	Response of human dental pulp cells to a silver-containing PLGA/TCP-nanofabric as a potential antibacterial regenerative pulp-capping material. <i>BMC Oral Health</i> , 2017, 17, 57.	2.3	16
88	Assessment of peri-implant defects at titanium and zirconium dioxide implants by means of periapical radiographs and cone beam computed tomography: An <i>in vitro</i> examination. <i>Clinical Oral Implants Research</i> , 2018, 29, 1195-1201.	4.5	16
89	Application of cerium chloride to improve the acid resistance of dentine. <i>Archives of Oral Biology</i> , 2010, 55, 441-446.	1.8	15
90	Effect of application of a PVP-Iodine solution before and during subgingival ultrasonic instrumentation on post-treatment bacteraemia: a randomized single-centre placebo-controlled clinical trial. <i>Journal of Clinical Periodontology</i> , 2015, 42, 632-639.	4.9	15

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91	Exposed Dentin: Influence of Cleaning Procedures and Simulated Pulpal Pressure on Bond Strength of a Universal Adhesive System. PLoS ONE, 2017, 12, e0169680.	2.5	15
92	Effect of Titanium and Zirconium Oxide Microparticles on Pro-Inflammatory Response in Human Macrophages under Induced Sterile Inflammation: An In Vitro Study. Materials, 2021, 14, 4166.	2.9	15
93	Expression of embryonic stem cell markers and osteogenic differentiation potential in cells derived from periodontal granulation tissue. Cell Biology International, 2014, 38, 179-186.	3.0	14
94	Resistance of an enamel-bonding agent to saliva and acid exposure in vitro assessed by liquid scintillation. Dental Materials, 2002, 18, 343-350.	3.5	13
95	Regenerative Treatment of a Cemental Tear Using Enamel Matrix Derivatives: a Ten-Year Follow-up. Open Dentistry Journal, 2012, 6, 148-152.	0.5	13
96	Spectrophotometric Evaluation of Polyetheretherketone (PEEK) as a Core Material and a Comparison with Gold Standard Core Materials. Materials, 2016, 9, 491.	2.9	13
97	Peri-implant bone density around implants of different lengths: A 3-year follow-up of a randomized clinical trial. Journal of Clinical Periodontology, 2017, 44, 762-768.	4.9	13
98	Efficacy of 8% arginine on dentin hypersensitivity: A multicenter clinical trial in 273 patients over 24 weeks. Journal of Dentistry, 2019, 83, 1-6.	4.1	13
99	OralDisk: A Chair-Side Compatible Molecular Platform Using Whole Saliva for Monitoring Oral Health at the Dental Practice. Biosensors, 2021, 11, 423.	4.7	13
100	In vitro assessment of incipient approximal carious lesions using computer-assisted densitometric image analysis. Journal of Dentistry, 2002, 30, 305-311.	4.1	12
101	Effects of Total and Selective Bonding on Marginal Adaptation and Microleakage of Class I Resin Composite Restorations In Vitro. Operative Dentistry, 2008, 33, 629-635.	1.2	12
102	Retention Load Values of Telescopic Crowns Made of Y-TZP and CoCr with Y-TZP Secondary Crowns: Impact of Different Taper Angles. Materials, 2016, 9, 354.	2.9	12
103	Novel bone substitute material in alveolar bone healing following tooth extraction: an experimental study in sheep. Clinical Oral Implants Research, 2016, 27, 762-770.	4.5	12
104	Dentin hypersensitivity management. Clinical Dentistry Reviewed, 2018, 2, 1.	0.4	12
105	Glutaraldehyde in bonding systems disinfects dentin in vitro. Journal of Adhesive Dentistry, 2004, 6, 61-4.	0.5	12
106	Multi-species biofilm formation on dental materials and an adhesive patch. Oral Health & Preventive Dentistry, 2009, 7, 47-53.	0.5	12
107	Wear Resistance and Surface Roughness of a Newly Devised Adhesive Patch for Sealing Smooth Enamel Surfaces. Operative Dentistry, 2006, 31, 115-121.	1.2	11
108	Cleaning ability and induced dentin loss of a magnetostrictive ultrasonic instrument at different power settings. Clinical Oral Investigations, 2011, 15, 241-248.	3.0	11

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109	Comparison of three <i>in vitro</i> implant leakage testing methods. <i>Clinical Oral Implants Research</i> , 2015, 26, e1-e7.	4.5	11
110	Pre-treatment anxiety in a dental hygiene recall population: a cross-sectional pilot study. <i>BMC Oral Health</i> , 2016, 16, 43.	2.3	11
111	Tricalcium phosphate (-containing) biomaterials in the treatment of periodontal infra-bony defects: A systematic review and meta-analysis. <i>Journal of Dentistry</i> , 2021, 114, 103812.	4.1	11
112	Glycine: A potential coupling agent to bond to helium plasma treated PEEK?. <i>Dental Materials</i> , 2016, 32, 305-310.	3.5	10
113	Bacterial supernatants elevate glucose-dependent insulin secretion in rat pancreatic INS-1 line and islet β -cells via PI3K/AKT signaling. <i>Molecular and Cellular Biochemistry</i> , 2019, 452, 17-27.	3.1	10
114	Remineralization of Artificial Dentin Caries Using Dentin and Enamel Matrix Proteins. <i>Materials</i> , 2019, 12, 2116.	2.9	10
115	Titanium Implant Characteristics After Implantoplasty: An In Vitro Study on Two Different Kinds of Instrumentation. <i>International Journal of Oral and Maxillofacial Implants</i> , 2019, 34, 1299-1305.	1.4	10
116	In Vitro Evaluation of Substantivity, Staining Potential, and Biofilm Reduction of Guava Leaf Extract Mouth Rinse in Combination with its Anti-Inflammatory Effect on Human Gingival Epithelial Keratinocytes. <i>Materials</i> , 2019, 12, 3903.	2.9	10
117	Dose-dependent green tea effect on decrease of inflammation in human oral gingival epithelial keratinocytes: <i>in vitro</i> study. <i>Clinical Oral Investigations</i> , 2020, 24, 2375-2383.	3.0	10
118	<i>In vitro</i> evaluation of the oxidation efficacy of transgingival photodynamic therapy. <i>Acta Odontologica Scandinavica</i> , 2013, 71, 1216-1220.	1.6	9
119	Effect of Different Cleaning Methods of Polyetheretherketone on Surface Roughness and Surface Free Energy Properties. <i>Journal of Applied Biomaterials and Functional Materials</i> , 2016, 14, e248-e255.	1.6	9
120	Influence of ultrasonic tip distance and orientation on biofilm removal. <i>Clinical Oral Investigations</i> , 2017, 21, 1029-1036.	3.0	9
121	Effects of air polishing and an amino acid buffered hypochlorite solution to dentin surfaces and periodontal ligament cell survival, attachment, and spreading. <i>Clinical Oral Investigations</i> , 2017, 21, 1589-1598.	3.0	9
122	Effect of high glucose levels and lipopolysaccharides-induced inflammation on osteoblast mineralization over sandblasted/acid-etched titanium surface. <i>Clinical Implant Dentistry and Related Research</i> , 2020, 22, 213-219.	3.7	9
123	Vertical Bite Rehabilitation of Severely Worn Dentitions with Direct Composite Restorations: Clinical Performance up to 11 Years. <i>Journal of Clinical Medicine</i> , 2021, 10, 1732.	2.4	9
124	Povidone-iodine gel and solution as adjunct to ultrasonic debridement in nonsurgical periodontitis treatment: an RCT pilot study. <i>Quintessence International</i> , 2014, 45, 281-90.	0.4	9
125	Shared microbiome in gums and the lung in an outpatient population. <i>Journal of Infection</i> , 2015, 70, 255-263.	3.3	8
126	Mechanical and hydrodynamic homecare devices to clean rough implant surfaces – an <i>in vitro</i> polyspecies biofilm study. <i>Clinical Oral Implants Research</i> , 2015, 26, 523-528.	4.5	8

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127	Influence of different post-interventional maintenance concepts on periodontal outcomes: an evaluation of three systematic reviews. <i>BMC Oral Health</i> , 2017, 17, 19.	2.3	8
128	Comparison of Two-Dimensional and Three-Dimensional Radiographs Using Clinically Relevant Parameters. <i>Dentistry Journal</i> , 2019, 7, 50.	2.3	8
129	Association between periodontal disease and non-apnea sleep disorder: a systematic review. <i>Clinical Oral Investigations</i> , 2020, 24, 3335-3345.	3.0	8
130	Gingival phenotype assessment methods and classifications revisited: a preclinical study. <i>Clinical Oral Investigations</i> , 2021, 25, 5513-5518.	3.0	8
131	Finishing tooth-colored restorations in vitro: an index of surface alteration and finish-line destruction. <i>Operative Dentistry</i> , 2004, 29, 80-6.	1.2	8
132	Caries-preventive potential of an adhesive patch after thermomechanical loading—a microbial-based in vitro study. <i>Journal of Adhesive Dentistry</i> , 2006, 8, 7-12.	0.5	8
133	Effectiveness of dentine bonding agents against cariogenic bacteria in vitro : a comparison of two methods. <i>Oral Microbiology and Immunology</i> , 2003, 18, 140-143.	2.8	7
134	Tooth substance loss resulting from mechanical, sonic and ultrasonic root instrumentation assessed by liquid scintillation. <i>Journal of Clinical Periodontology</i> , 2001, 28, 1058-1066.	4.9	7
135	Comparing the Antimicrobial In Vitro Efficacy of Amoxicillin/Metronidazole against Azithromycin—A Systematic Review. <i>Dentistry Journal</i> , 2018, 6, 59.	2.3	7
136	Retro MTA and tricalcium phosphate/retro MTA for guided tissue regeneration of periodontal dehiscence defects in a dog model: a pilot study. <i>Biomaterials Research</i> , 2019, 23, 14.	6.9	7
137	Changes of radiopacity around implants of different lengths: Five-year follow-up data of a randomized clinical trial. <i>Clinical Oral Implants Research</i> , 2020, 31, 488-494.	4.5	7
138	Gingival phenotype distribution in young Caucasian women and men — An investigative study. <i>Clinical and Experimental Dental Research</i> , 2021, , .	1.9	7
139	Cytotoxic and Inflammatory Effects of Electronic and Traditional Cigarettes on Oral Gingival Cells Using a Novel Automated Smoking Instrument: An In Vitro Study. <i>Toxics</i> , 2022, 10, 179.	3.7	7
140	Clearance of topically-applied PVP-iodine as a solution or gel in periodontal pockets in men. <i>Acta Odontologica Scandinavica</i> , 2012, 70, 497-503.	1.6	6
141	Comparative effectiveness of hand scaling by undergraduate dental students following a two-week pre-clinical training course. <i>European Journal of Dental Education</i> , 2019, 23, 1-7.	2.0	6
142	Treatment Success and User-Friendliness of An Electric Toothbrush App: A Pilot Study. <i>Dentistry Journal</i> , 2020, 8, 97.	2.3	6
143	Ridge preservation of compromised extraction sockets applying a soft cortical membrane: A canine proof-of-principle evaluation. <i>Annals of Anatomy</i> , 2020, 231, 151524.	1.9	6
144	Elevated Matrix Metalloproteinase Levels in Bronchi Infected with Periodontopathogenic Bacteria. <i>PLoS ONE</i> , 2015, 10, e0144461.	2.5	6

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145	Effects of de- and remineralization of dentin on bond strengths yielded by one-, three-, and four-step adhesives. <i>Journal of Adhesive Dentistry</i> , 2008, 10, 119-26.	0.5	6
146	What is the influence of tonsillectomy on the level of periodontal pathogens on the tongue dorsum and in periodontal pockets. <i>BMC Oral Health</i> , 2018, 18, 62.	2.3	5
147	Similar inductive effects of enamel and dentin matrix derivatives on osteoblast-like cell response over SLA titanium surface. <i>Archives of Oral Biology</i> , 2020, 109, 104552.	1.8	5
148	Regenerative Surgical Therapy of Peri-implantitis: An Umbrella Review of Answered/Unanswered Questions and Future Perspectives. <i>Frontiers in Dental Medicine</i> , 2020, 1, .	1.4	5
149	Evaluation of air polishing with a sterile powder and mechanical debridement during regenerative surgical periimplantitis treatment: a study in dogs. <i>Clinical Oral Investigations</i> , 2021, 25, 2609-2618.	3.0	5
150	Interleukin-35 pathobiology in periodontal disease: a systematic scoping review. <i>BMC Oral Health</i> , 2021, 21, 139.	2.3	5
151	Combination of enamel matrix derivative and hyaluronic acid inhibits lipopolysaccharide-induced inflammatory response on human epithelial and bone cells. <i>Clinical Oral Investigations</i> , 2022, 26, 1773-1783.	3.0	5
152	Origin of MMP-8 and Lactoferrin levels from gingival crevicular fluid, salivary glands and whole saliva. <i>BMC Oral Health</i> , 2021, 21, 385.	2.3	5
153	Primary bone augmentation leads to equally stable marginal tissue conditions comparing the use of xenograft blocks infused with BMP-2 and autogenous bone blocks: A 3D analysis after 3 years. <i>Clinical Oral Implants Research</i> , 2021, 32, 1433-1443.	4.5	5
154	Anti-erosive effect of a self-assembling peptide gel. <i>Swiss Dental Journal</i> , 2017, 127, 857-864.	0.1	5
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